

JP4257361A 19920911 HIGHLY STRETCHABLE NONWOVEN FABRIC AND ITS

PRODUCTION Assignee/Applicant: KURARAY CO **Inventor(s)** : ASANO MASAJI ;

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Application(No,Kind,Date): JP3372591 A 19910201 **IPC**: 5D 04H 3/00 A **Language of Document**: NotAvailable **Abstract**:

PURPOSE: To obtain a highly stretchable nonwoven fabric eliminating adhesion between the nonwoven fabrics by blending a specific vinyl-based block copolymer with crystalline polyolefin and a fatty acid compound, then melting and subjecting to melt blowing.

CONSTITUTION: (A) 94.5-83wt.% block copolymer comprising (i) 10-50wt.% polymer block consisting essentially of an aromatic vinyl compound and (ii) 90-50wt.% polymer block consisting essentially of repeating units shown by formula I and formula II (1-2 of R1 to R4 are CH₃ and the rest is H) is blended with (B) 5-15wt.% crystalline polyolefin and (C) 0.5-2.0wt.% fatty acid compound such as a fatty acid amide obtained by bonding 1-3 molecules of 16-36C long-chain fatty acids to ammonia or ≤5C amine, a fatty acid ester obtained by bonding the fatty acid to ≤5C alcohol and/or calcium salt of the fatty acid, then melted and subjected to melt blowing to give the objective nonwoven fabric.

Legal Status: There is no Legal Status information available for this patent